

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031231.D
 Acq On : 08 Sep 2022 22:56
 Operator : JC/MD
 Sample : N4360-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GM38-RW3-MW1-20220824RE

Quant Time: Sep 09 01:12:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

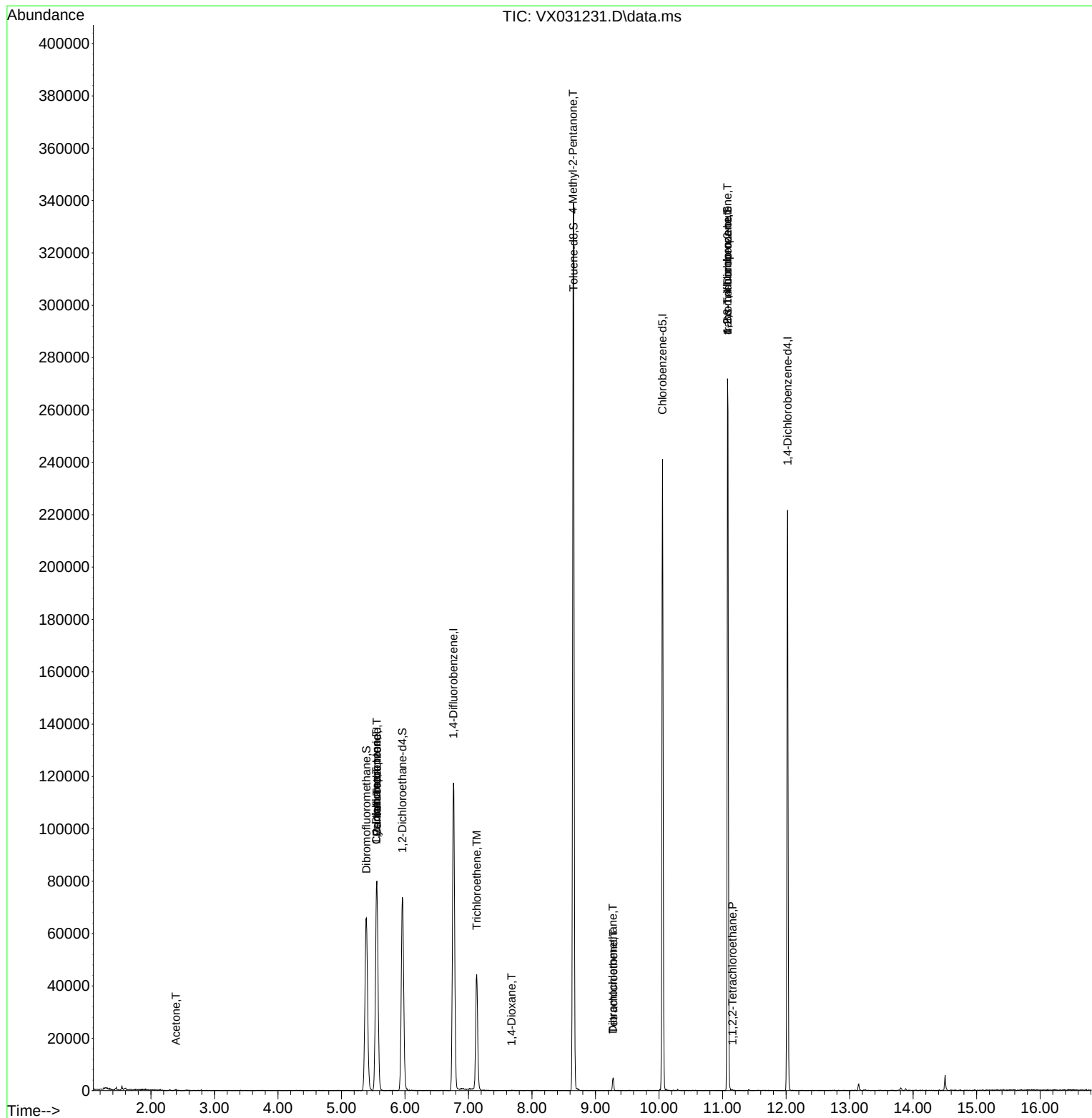
Internal Standards						
1) Pentafluorobenzene	5.556	168	66503	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	118219	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82720	52.538	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.080%	
35) Dibromofluoromethane	5.391	113	57798	44.865	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 89.720%	
50) Toluene-d8	8.653	98	200148	42.762	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 85.520%#	
62) 4-Bromofluorobenzene	11.079	95	74793	43.604	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.200%	
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	542	0.994	ug/l	# 40
31) Cyclohexane	5.550	56	976	0.555	ug/l	# 22
36) 1,1-Dichloropropene	5.550	75	6327	3.279	ug/l	# 40
38) Carbon Tetrachloride	5.556	117	8369	4.123	ug/l	# 15
44) Trichloroethene	7.129	130	16960	11.512	ug/l	93
49) 1,4-Dioxane	7.677	88	23	0.634	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.647	43	781	0.473	ug/l	# 1
60) Dibromochloromethane	9.275	129	1052	0.718	ug/l	# 11
64) Tetrachloroethene	9.281	164	1002	0.960	ug/l	# 85
75) 1,1,2,2-Tetrachloroethane	11.158	83	289	0.248	ug/l	# 25
76) 1,2,3-Trichloropropane	11.079	75	43961	37.415	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	43961	120.659	ug/l	# 12

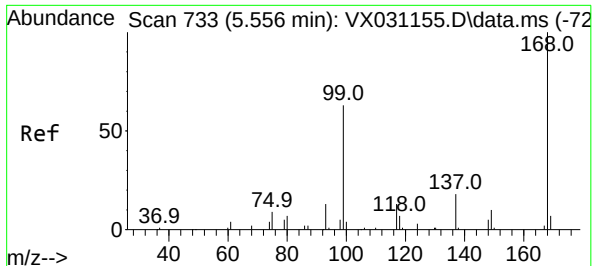
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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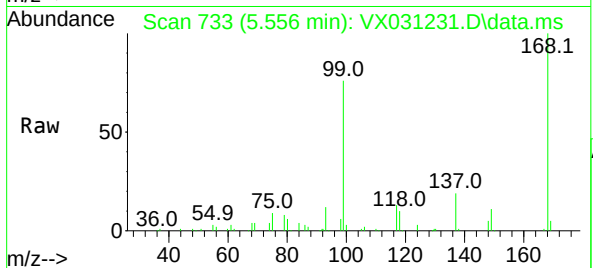
Quant Time: Sep 09 01:12:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
Response via : Initial Calibration



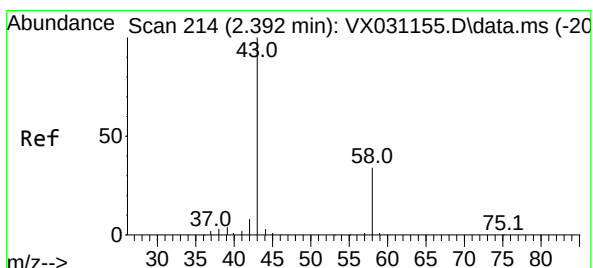
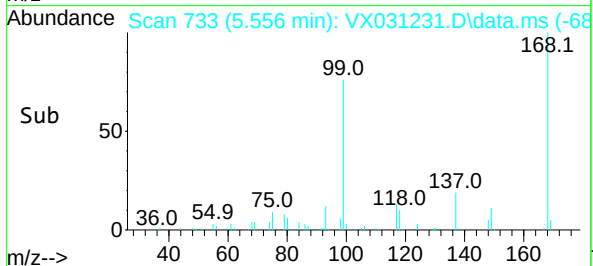
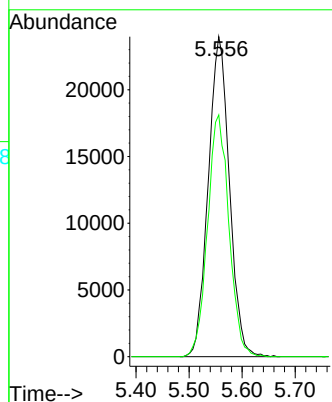


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031231.D
Acq: 08 Sep 2022 22:56

Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20220824RE

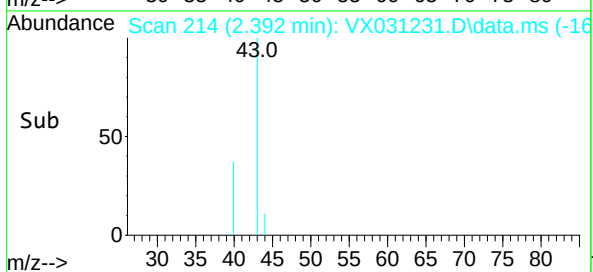
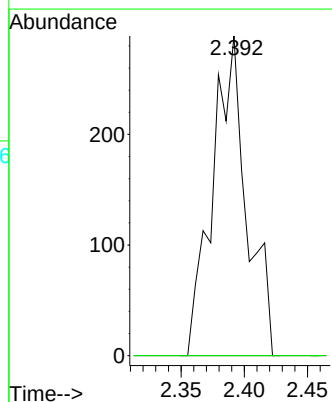
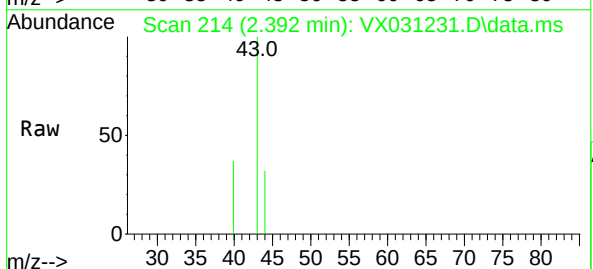


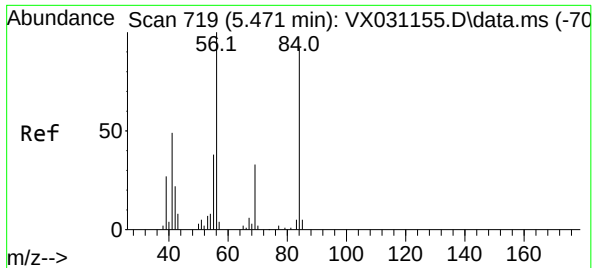
Tgt Ion:168 Resp: 66503
Ion Ratio Lower Upper
168 100
99 75.5 44.0 66.0#



#16
Acetone
Concen: 0.994 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031231.D
Acq: 08 Sep 2022 22:56

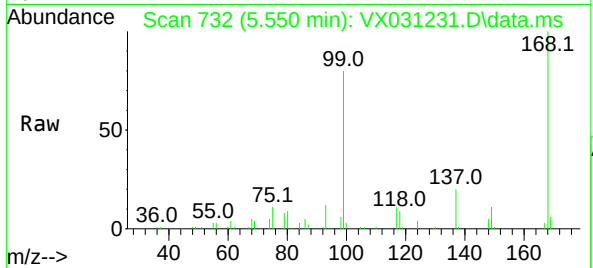
Tgt Ion: 43 Resp: 542
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#



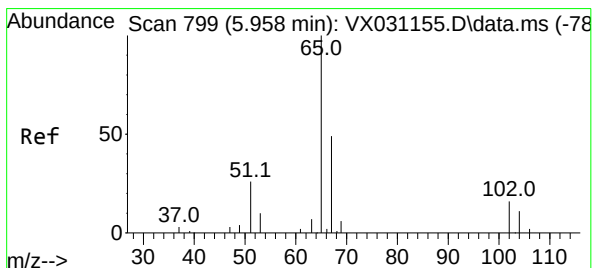
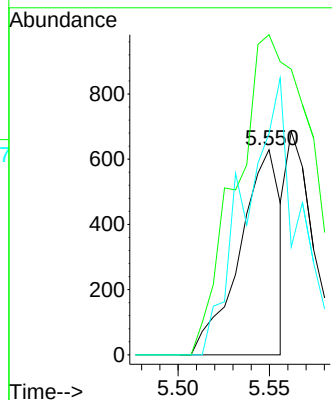
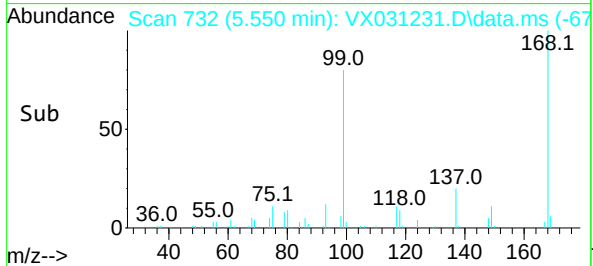


#31
Cyclohexane
Concen: 0.555 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031231.D
Acq: 08 Sep 2022 22:56

Instrument :
MSVOA_X
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GM38-RW3-MW1-20220824RE

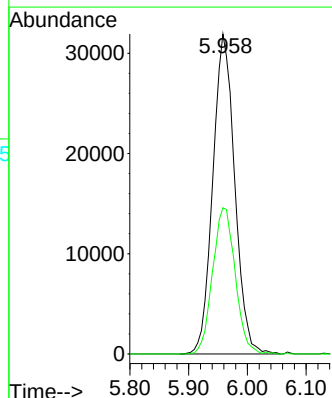
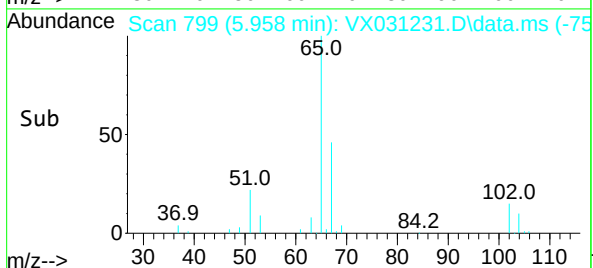
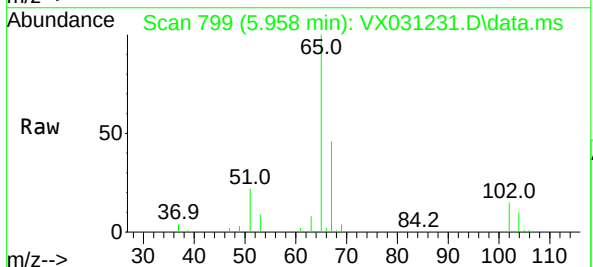


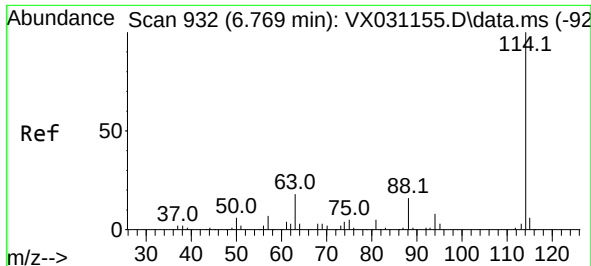
Tgt Ion: 56 Resp: 976
Ion Ratio Lower Upper
56 100
69 156.1 25.4 38.0#
84 107.8 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 52.538 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX031231.D
Acq: 08 Sep 2022 22:56

Tgt Ion: 65 Resp: 82720
Ion Ratio Lower Upper
65 100
67 47.0 0.0 109.6

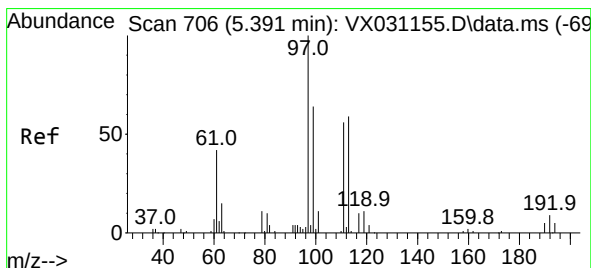
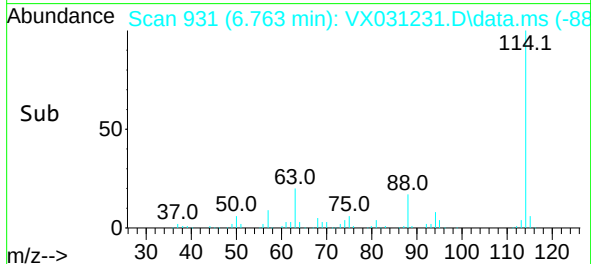
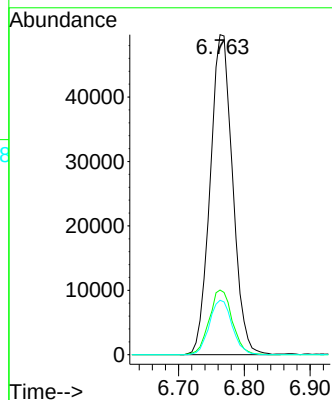
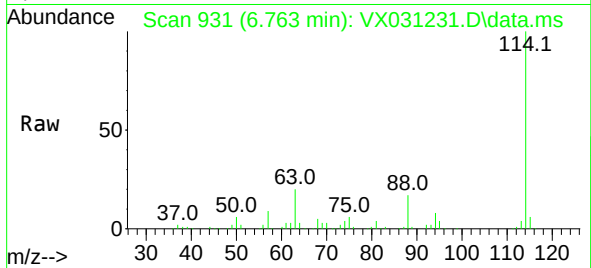




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031231.D
Acq: 08 Sep 2022 22:56

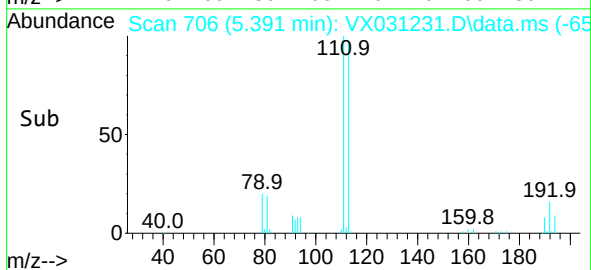
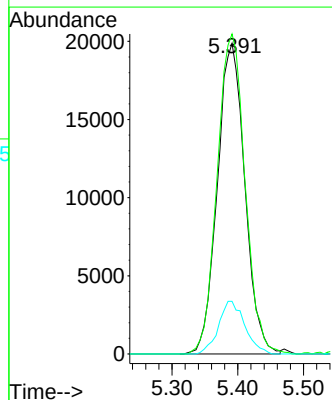
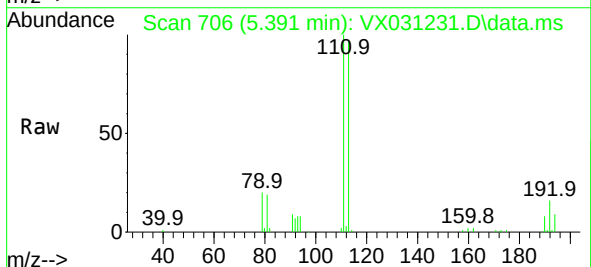
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20220824RE

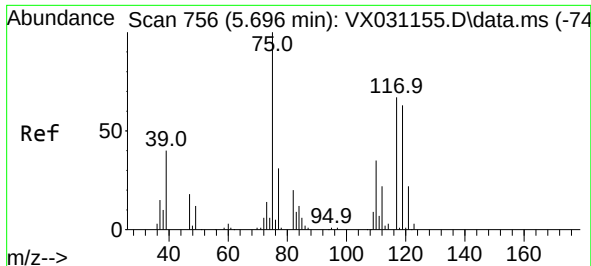
Tgt Ion:114 Resp: 118219
Ion Ratio Lower Upper
114 100
63 20.2 0.0 38.4
88 17.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 44.865 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX031231.D
Acq: 08 Sep 2022 22:56

Tgt Ion:113 Resp: 57798
Ion Ratio Lower Upper
113 100
111 104.6 83.2 124.8
192 16.3 14.8 22.2

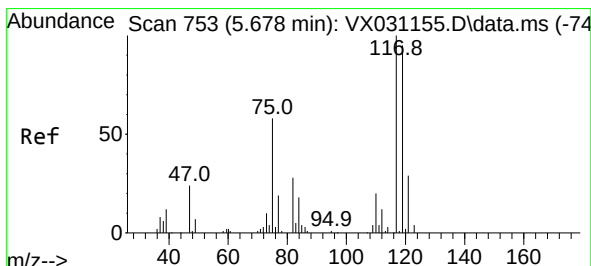
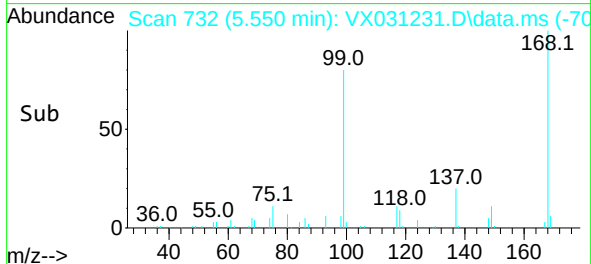
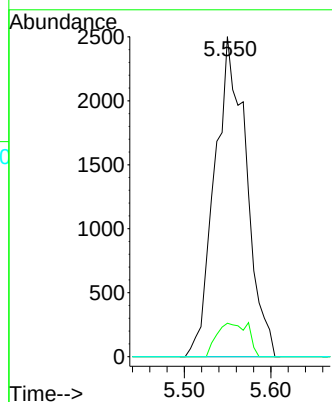
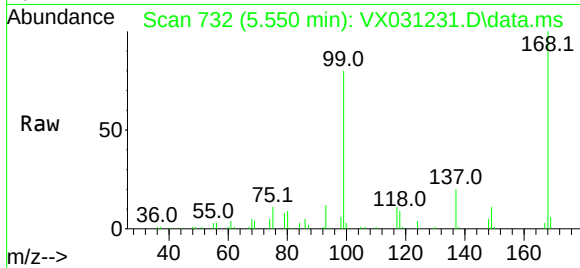




#36
1,1-Dichloropropene
Concen: 3.279 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX031231.D
Acq: 08 Sep 2022 22:56

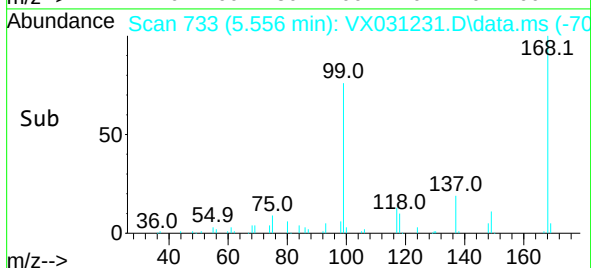
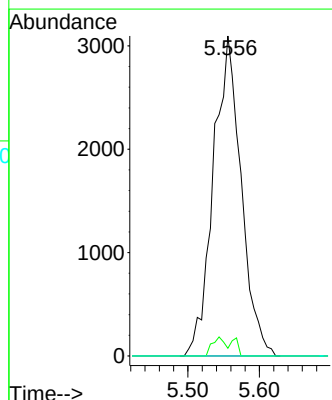
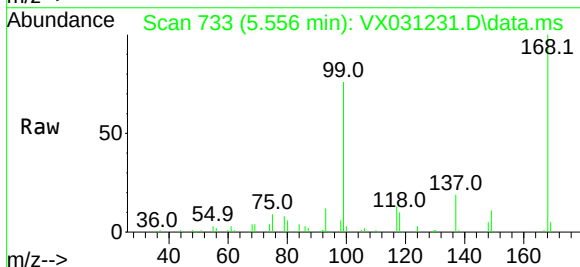
Instrument :
MSVOA_X
ClientSampleId :
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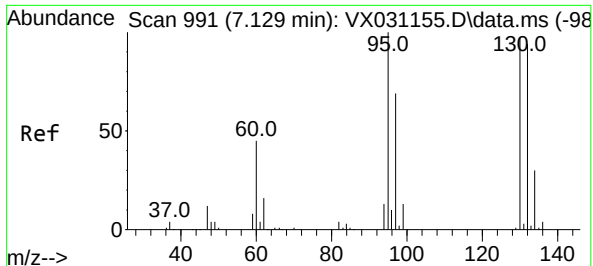
Tgt Ion: 75 Resp: 6327
Ion Ratio Lower Upper
75 100
110 0.0 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.123 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX031231.D
Acq: 08 Sep 2022 22:56

Tgt Ion: 117 Resp: 8369
Ion Ratio Lower Upper
117 100
119 2.4 74.1 111.1#
121 0.0 25.8 38.8#

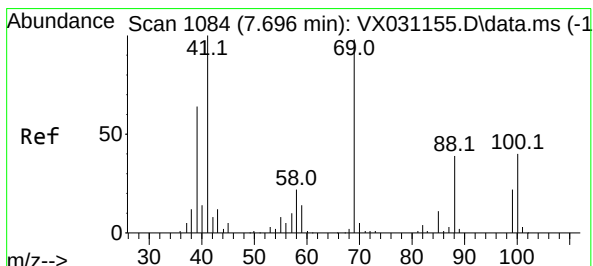
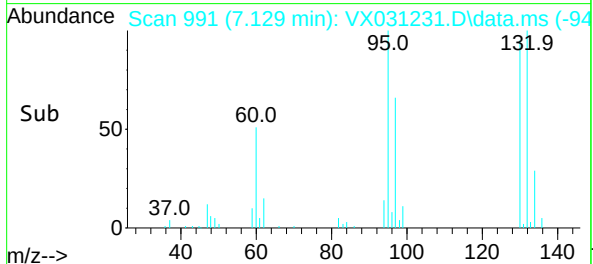
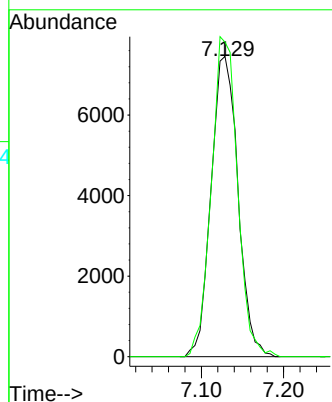
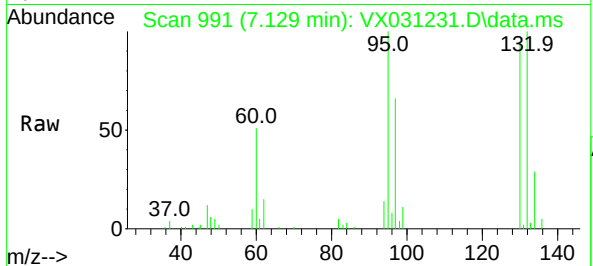




#44
Trichloroethene
Concen: 11.512 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031231.D
Acq: 08 Sep 2022 22:56

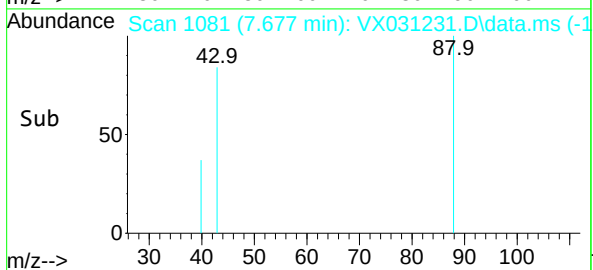
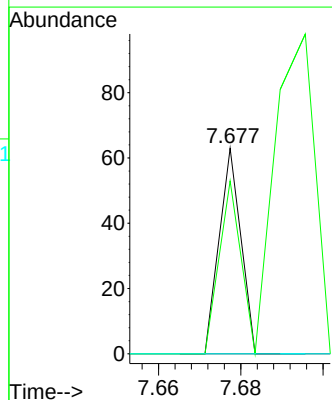
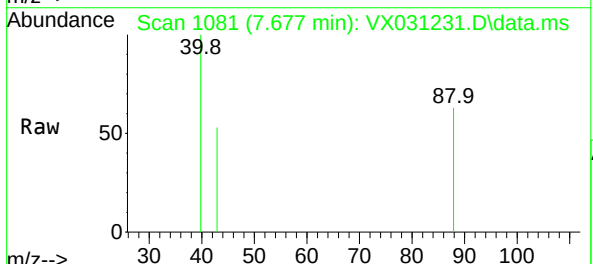
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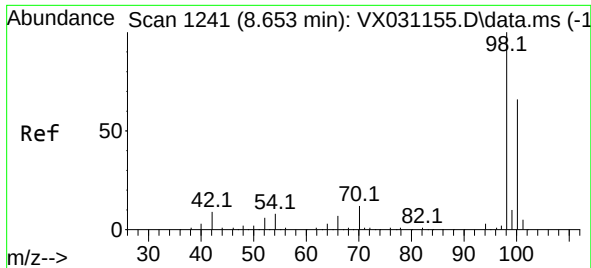
Tgt Ion:130 Resp: 16960
Ion Ratio Lower Upper
130 100
95 104.8 0.0 194.8



#49
1,4-Dioxane
Concen: 0.634 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.018 min
Lab File: VX031231.D
Acq: 08 Sep 2022 22:56

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 369.6 23.8 35.8#
58 0.0 53.8 80.6#

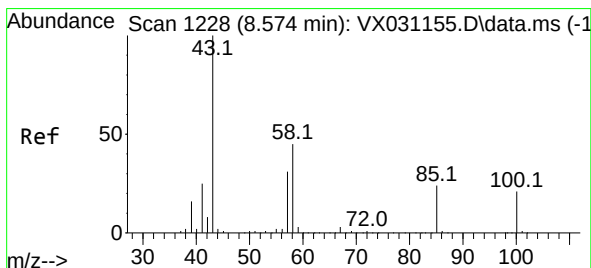
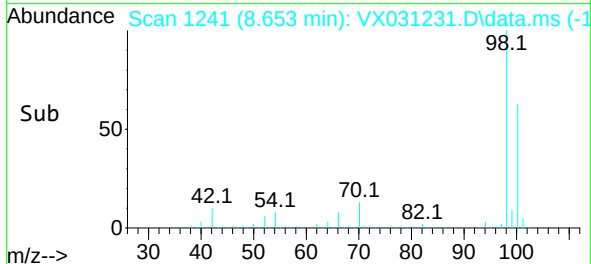
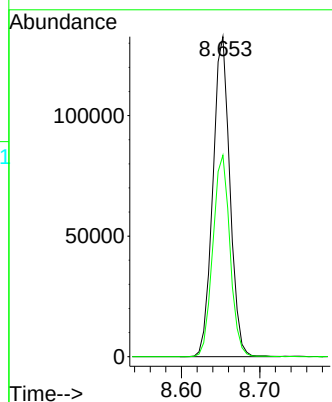
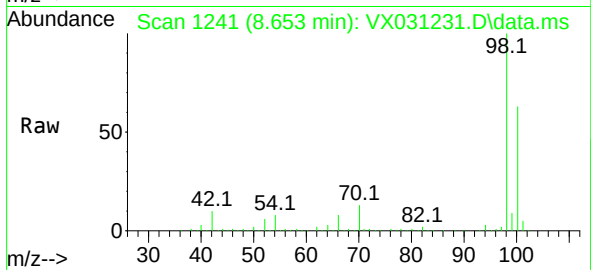




#50
Toluene-d8
Concen: 42.762 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031231.D
Acq: 08 Sep 2022 22:56

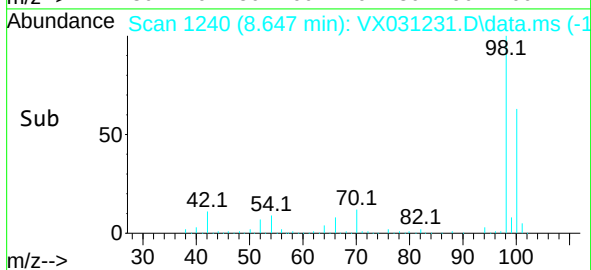
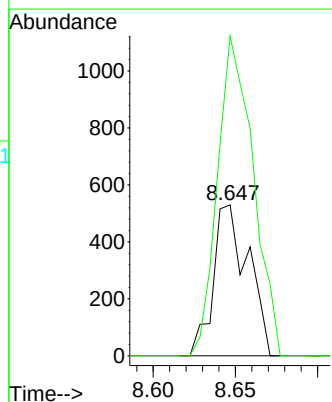
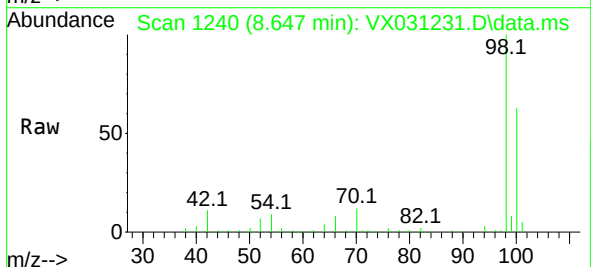
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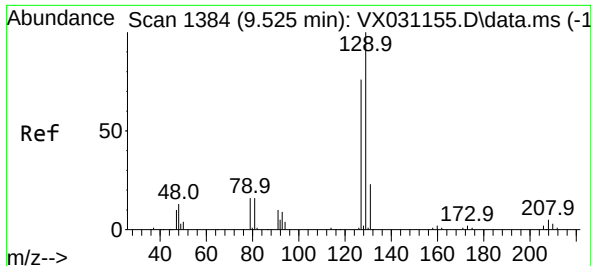
Tgt Ion: 98 Resp: 200148
Ion Ratio Lower Upper
98 100
100 63.4 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.473 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX031231.D
Acq: 08 Sep 2022 22:56

Tgt Ion: 43 Resp: 781
Ion Ratio Lower Upper
43 100
58 217.4 31.4 47.2#

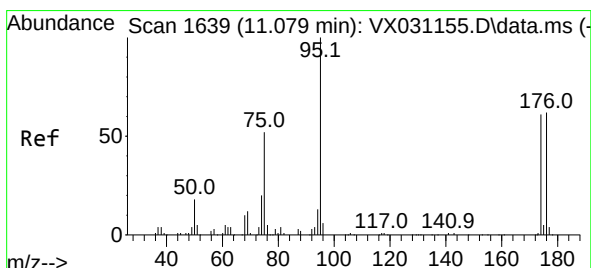
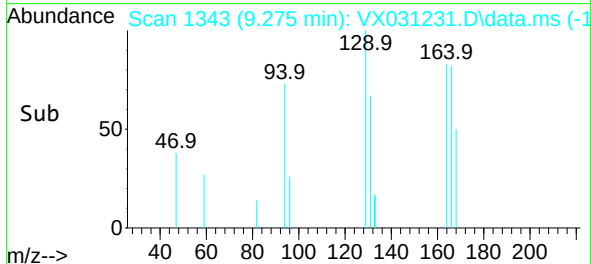
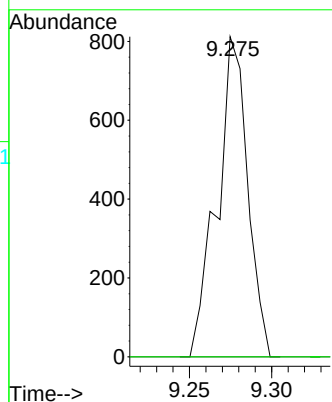
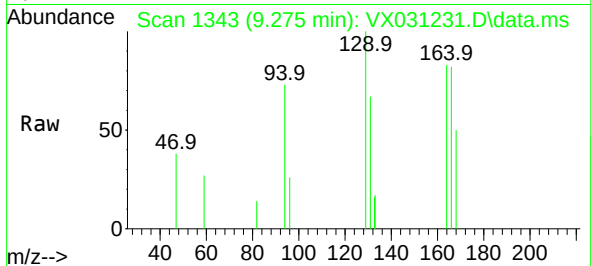




#60
Dibromochloromethane
Concen: 0.718 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX031231.D
Acq: 08 Sep 2022 22:56

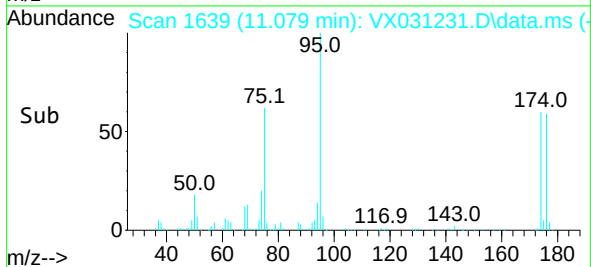
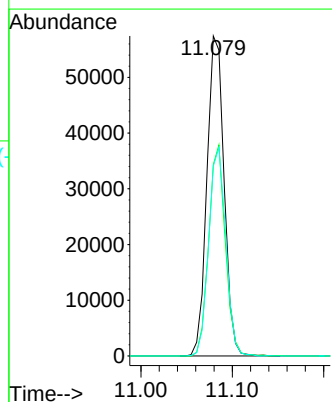
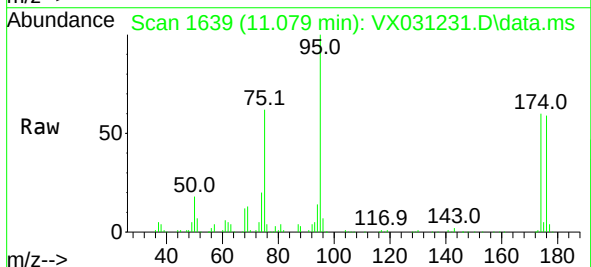
Instrument :
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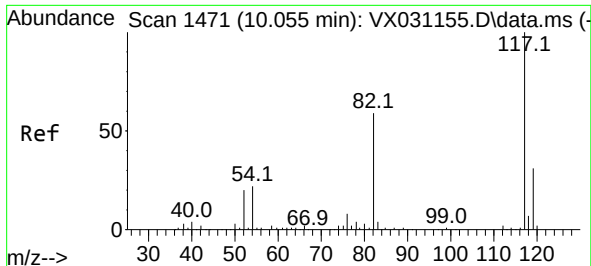
Tgt Ion:129 Resp: 1052
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 43.604 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031231.D
Acq: 08 Sep 2022 22:56

Tgt Ion: 95 Resp: 74793
Ion Ratio Lower Upper
95 100
174 63.9 0.0 149.0
176 64.5 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX031231.D

Acq: 08 Sep 2022 22:56

Instrument :

MSVOA_X

ClientSampleId :

GM38-RW3-MW1-20220824RE

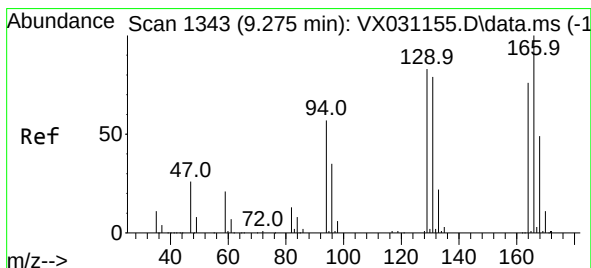
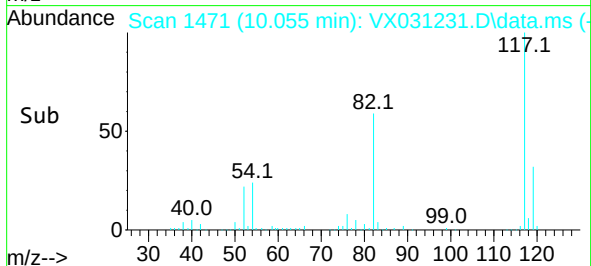
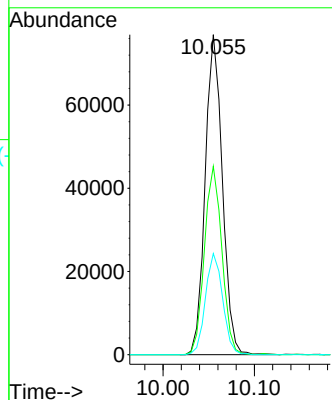
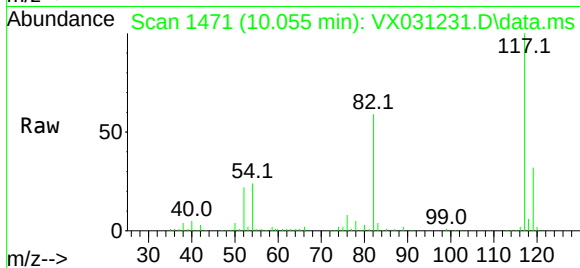
Tgt Ion:117 Resp: 100245

Ion Ratio Lower Upper

117 100

82 58.8 42.7 64.1

119 31.6 25.4 38.2



#64

Tetrachloroethene

Concen: 0.960 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. 0.006 min

Lab File: VX031231.D

Acq: 08 Sep 2022 22:56

Tgt Ion:164 Resp: 1002

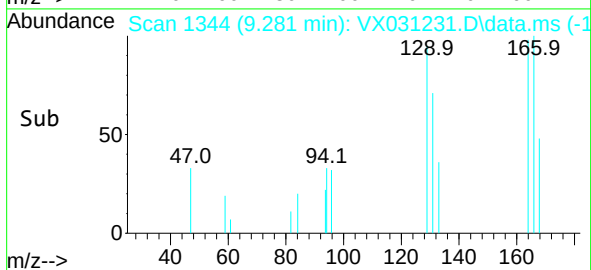
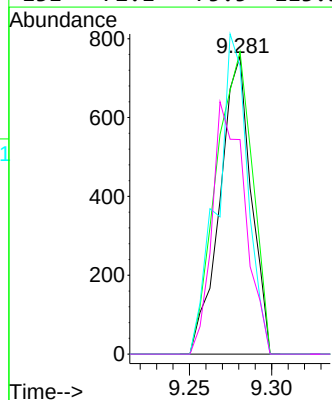
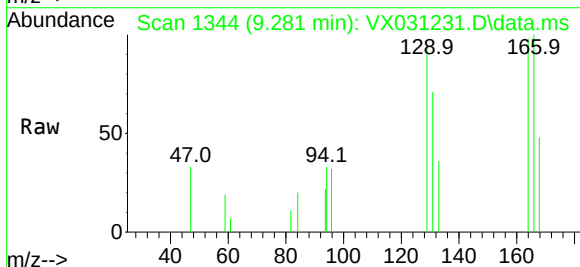
Ion Ratio Lower Upper

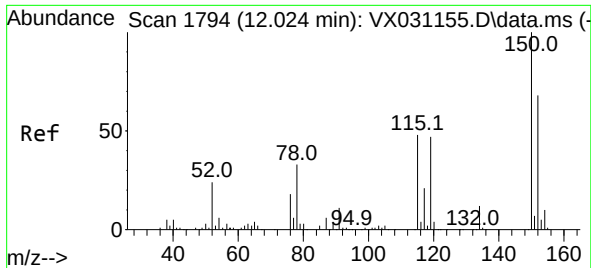
164 100

166 101.6 98.2 147.4

129 96.8 80.8 121.2

131 72.1 75.5 113.3#

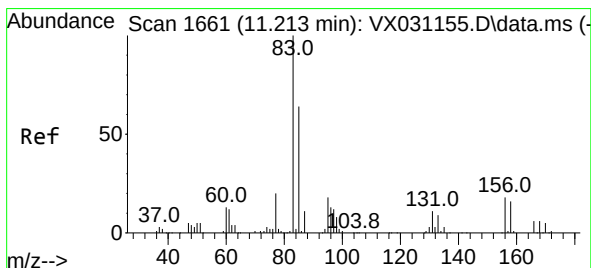
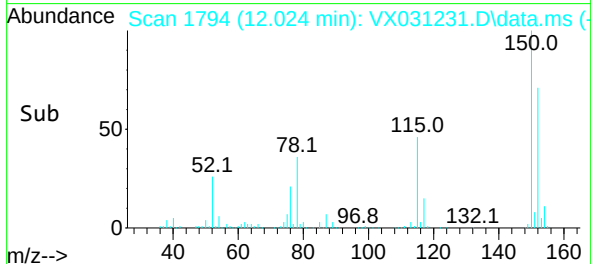
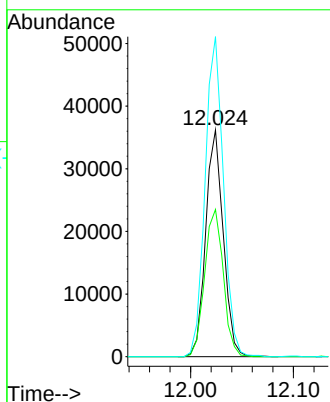
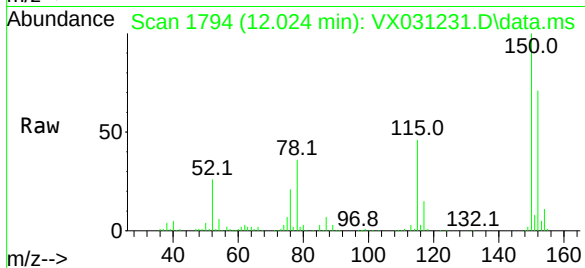




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031231.D
 Acq: 08 Sep 2022 22:56

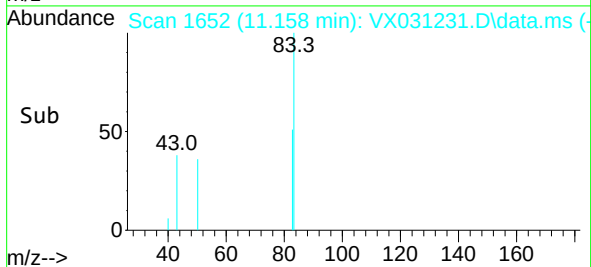
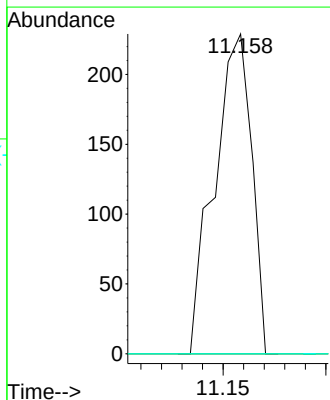
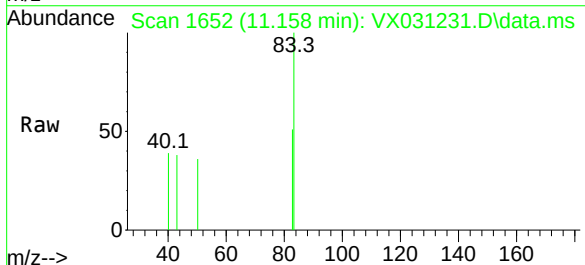
Instrument :
 MSVOA_X
 ClientSampleId :
 GM38-RW3-MW1-20220824RE

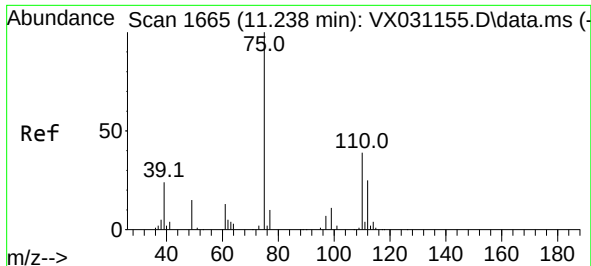
Tgt Ion:152 Resp: 43052
 Ion Ratio Lower Upper
 152 100
 115 68.8 40.5 121.5
 150 147.1 0.0 347.0



#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.248 ug/l
 RT: 11.158 min Scan# 1652
 Delta R.T. -0.055 min
 Lab File: VX031231.D
 Acq: 08 Sep 2022 22:56

Tgt Ion: 83 Resp: 289
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.5 13.7#
 85 0.0 32.5 97.5#

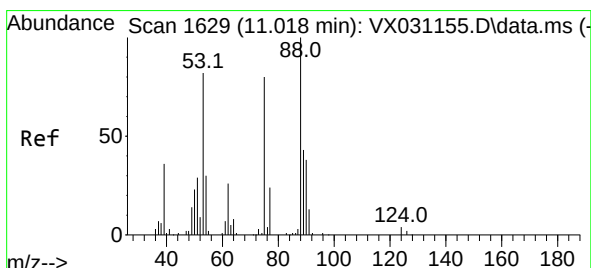
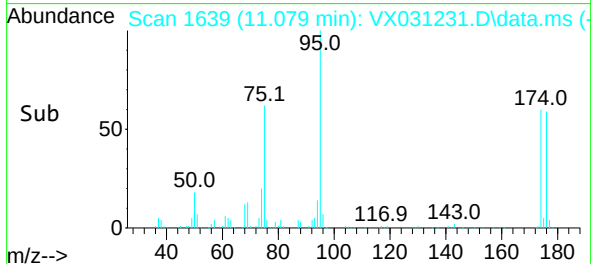
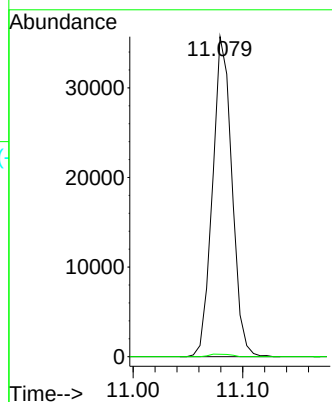
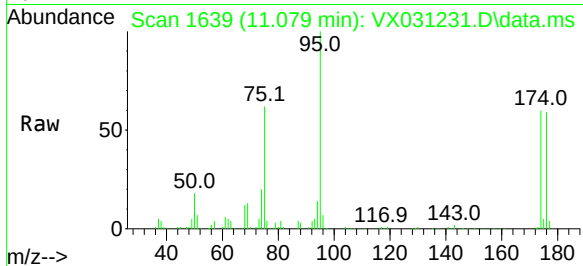




#76
1,2,3-Trichloropropane
Concen: 37.415 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031231.D
Acq: 08 Sep 2022 22:56

Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20220824RE

Tgt Ion: 75 Resp: 43961
Ion Ratio Lower Upper
75 100
77 0.9 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.659 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031231.D
Acq: 08 Sep 2022 22:56

Tgt Ion: 75 Resp: 43961
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

